

Patent
Attorney Docket: 491,920-029
(prev 263/103)

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) An implantable sheet for implantation in a body comprising:
an implantable sheet of ePTFE having a first surface and a second surface,
the first surface being non-textured, and
the second surface being textured, the second surface having:
a plurality of continuous, parallel channels extending into the
thickness dimension of the sheet, the channels being
formed by cutting the second surface of the sheet and
a plurality of ridges disposed between the channels.
- 2-12. (Cancelled)
13. (Currently amended) An implantable sheet comprising:
a an implantable sheet of flexible ePTFE having first and second surfaces,
the first surface being less-textured than the second surface,
the second surface being textured and having:
a plurality of elongated, continuous channels extending into the
thickness dimension of the sheet, the channels being
formed by cutting the second surface of the sheet and
a plurality of continuous ridges disposed between the channels.
- 14-93. (Cancelled)
94. (Previously amended) The sheet of claim 1 wherein each channel has a cross-sectional dimension of varying width.

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95. (Previously amended) The sheet of claim 1 wherein the second surface comprises a pattern of ridges and troughs.

96. (Previously amended) The sheet of claim 95 wherein the pattern is periodic.

97. (Previously amended) The sheet of claim 95 wherein the pattern is repetitive.

98. (Previously amended) The sheet of claim 95 wherein the pattern is uniform.

99-109. (Cancelled)

110. (Previously amended) The sheet of claim 1 comprising a laminated structure.

111. (Cancelled)

112. (Previously amended) The sheet of claim 1 wherein the plane of the ridge regions is substantially parallel to the plane of the trough regions.

113. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to stimulate high tissue ingrowth.

114. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to disorganize scar tissue.

115-121. (Cancelled)

122. (Previously amended) The sheet of claim 95 wherein the pattern includes a plurality of parallel wells.

123-157 (Cancelled).

158. (previously added) The sheet of claim 1 wherein the channels and ridges are straight.

159. (previously added) The sheet of claim 13 wherein the channels and ridges are straight.

160. (previously added) The sheet of claim 1 wherein the first surface is substantially

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planar.

161. (previously added) The sheet of claim 13 wherein the first surface is substantially

planar.

162. (New) The sheet of claim 1 wherein the channels comprise v-shaped cuts.

163. (New) The sheet of claim 162 wherein the cuts are made in a direction non-colinear
with the channels.

164. (New) The sheet of claim 163 wherein numerous individual villi result from the cuts.

165. (New) The sheet of claim 163 wherein the cuts are made perpendicular to the
channels.

166. (New) The sheet of claim 1 further including holes disposed through the sheet.

167. (New) The sheet of claim 166 wherein the holes are cut through the sheet.

168. (New) The sheet of claim 167 wherein the holes are diecut.

169. (New) The sheet of claim 95 wherein the pattern is random.